

Application serial No. 10/720,067
Examiner: Krishnan S Menon
Art Unit: 1723

Applicant: Chikaroku Yamashita
Docket: SAM-USI4

IN THE CLAIMS

Please amend the claims as follows.

Claims 1-7 (canceled).

8. (currently amended) A filter system, suitable for filtering waste water, comprising:

a solid and liquid separator;

a filter device, disposed in said solid and liquid separator, for separating solid and liquid of a high concentration wastewater;

a micro filter device, disposed on said filter device such that an upper surface of said micro filter device is tilted at an angle relative towards a surface of said filter device, wherein said tilted surface of said micro filter device faces a wastewater inflow side of the solid and liquid separator to facilitate convectional flow of the wastewater at the wastewater inflow side, wherein said micro filter device is a plate filter;

a ~~drain~~ deflate pipe, connected to a gas supply device, disposed at a bottom side of said micro filter device on the wastewater inflow side, for injecting a gas along said tilted surface of said ~~tilted surface of said~~ micro filter device so as to accelerate the convectional flow of the wastewater; and

a wastewater supply device, for charging wastewater into said wastewater inflow side of solid and liquid separator.

9. (previously presented) The filter system according to claim 8, wherein said micro filter device is attached to said filter device in at least two directions.

10. (previously presented) The filter system according to claim 8, wherein said micro filter device is attached on said filter device such that said micro filter device is tilted 5° relative to wastewater inflow side.

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11. (previously presented) The filter system in water according to claim 8, wherein said filter device comprises a micro cell resin membrane.

12. (currently amended) The filter system according to claim 8, wherein said surface of said micro filter device which comes in contact with said gas ejected from said ~~drain~~ deflate pipe faces a ~~direction~~ opposite direction to a surface of said filter device adjacent to it.